

In the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

- 1 1. (Original) A cleaning device for cleaning a surface comprising:
2 a base for movement along a surface;
3 a suction nozzle associated with said base;
4 a suction source for drawing liquid and dirt from said surface through said
5 suction nozzle;
6 a brush assembly operatively connected to said base; and
7 wherein said brush assembly having at least one brush including a first set of
8 pliable elements extending downwardly from said brush and contacting the surface,
9 said pliable elements sloping downwardly and outwardly, said first set of pliable
10 elements having at least a first group of pliable elements and a second group of
11 pliable elements, each of said pliable elements of said second group of said first set
12 extending downwardly from said brush at a length less than said first group of said
13 first set, said second group of pliable elements of said first set being positioned
14 inwardly from said first group of said pliable elements of said first set.
- 1 2. (Original) The cleaning device of claim 1 including a liquid distribution system for
2 dispensing liquid to said surface, a second set of pliable elements extending
3 downwardly from said brush and contacting the surface, said second set of pliable
4 elements located inwardly from said first set of pliable elements, said brush having
5 at least one opening for dispensing the liquid to the cleaning surface, said opening
6 being located between said first and second set of pliable elements.
- 1 3. (Original) The cleaning device of claim 1 including a second set of pliable elements
2 extending downwardly from said brush and contacting the surface, said second set
3 of pliable elements located inwardly from said first set of pliable elements, said

4 second set of pliable elements having at least a first group of pliable elements and
5 a second group of pliable elements, each of said pliable elements of said second
6 group of said second set extending downwardly from said brush at a length less than
7 said first group of pliable elements of said second set.

1 4. (Currently amended) The cleaning device of claim 1 wherein said first set of pliable
2 elements are arranged in separate bundles forming a ring around said brush.

1 5. (Original) The cleaning device of claim 4 wherein each of said bundles includes said
2 first and second groups of pliable elements, said second group of pliable elements
3 having at least a first pliable element extending a first length, at least a second pliable
4 element extending a second length greater than the first length of said first pliable
5 element, and at least a third pliable element extending a third length greater than the
6 second length of said second pliable element.

1 6. (Original) The cleaning device of claim 5 wherein said first pliable element is
2 positioned inwardly from said second pliable element, said second pliable element
3 is positioned inwardly from said third pliable element.

1 7. (Original) The cleaning device of claim 5 including at least a substantial number of
2 said pliable elements of said second group having an innermost pliable element and
3 an outermost pliable element, each of said pliable elements having a working end,
4 wherein said substantial number of said pliable elements are cut such that a plane
5 extending from the bottom end of the innermost pliable element to the bottom end
6 of the outermost pliable element is in the range of 40 to 50 degrees with respect to
7 the cleaning surface.

1 8. (Currently amended) The cleaning device of claim 7 wherein said substantial number
2 of said pliable elements of said second group are arranged in increasing length going
3 from the ~~from the~~ innermost pliable element to the outermost pliable element.

- 1 9. (Original) The cleaning device of claim 1 wherein said each of said pliable element
2 is angled outwardly in the range of 20 to 40 degrees with respect to an axis
3 perpendicular to the cleaning surface.
- 1 10. (Original) The cleaning device of claim 1 wherein said pliable elements are bristles.
- 1 11. (Original) The cleaning device of claim 10 wherein said bristles are crimped.
- 1 12. (Original) The cleaning device of claim 1 wherein said brush is rotatable.
- 1 13. (Original) The cleaning device of claim 9 wherein said brush assembly includes a
2 plurality of said brushes, said brushes being gear brushes and arranged in a gear train,
3 each said brush rotating about a vertical axis.
- 1 14. (Original) A cleaning device for cleaning a surface in which cleaning solution is
2 dispensed to the surface and substantially simultaneously extracted along with the
3 dirt on the surface in a continuous operation comprising:
4 a base for movement along a surface;
5 a recovery system mounted to said base and comprising:
6 a suction nozzle;
7 a suction source for drawing liquid and dirt from said surface
8 through said suction nozzle;
9 a liquid distribution system for dispensing liquid to said surface;
10 a brush assembly operatively connected to said base; and
11 wherein said brush assembly has at least one brush including a first set of
12 pliable elements extending downwardly from said brush and contacting the surface,
13 said pliable elements of said first set sloping downwardly and outwardly, said brush
14 including a second set of pliable elements extending downwardly from said brush
15 and contacting the surface, said second set of pliable elements located inwardly from
16 said first set of pliable elements, said brush having at least one opening for
17 dispensing the liquid to the cleaning surface, said opening being located between said
18 first and second sets of pliable elements.

1 15. (Original) The cleaning device of claim 14 wherein said second set of pliable
2 elements slopes downwardly and outwardly.

1 16. (Original) The cleaning device of claim 15 wherein said first set of pliable elements
2 has at least a first pliable element extending a first length, at least a second pliable
3 element extending a second length greater than the first length of said first pliable
4 element, and at least a third pliable element extending a third length greater than the
5 second length of said second pliable element.

1 17. (Original) The cleaning device of claim 16 wherein said second set of pliable
2 elements has at least a first pliable element extending a first length, at least a second
3 pliable element extending a second length greater than the first length of said first
4 pliable element, and at least a third pliable element extending a third length greater
5 than the second length of said second pliable element.

1 18. (Original) A cleaning device for cleaning a surface comprising:
2 a base for movement along a surface;
3 a suction nozzle associated with said base;
4 a suction source for drawing liquid and dirt from said surface through said
5 suction nozzle;
6 a brush assembly operatively connected to said base;
7 said brush assembly having at least one brush including a first set of pliable
8 elements extending downwardly from said brush and contacting the surface, wherein
9 said first set of pliable elements has at least a first pliable element extending a first
10 length, at least a second pliable element extending a second length greater than the
11 first length of said first pliable element, and at least a third pliable element extending
12 a third length greater than the second length of said second pliable element; and
13 wherein said first pliable element is positioned inwardly from said second
14 pliable element, said second pliable element is positioned inwardly from said third
15 pliable element.

- 1 19. (Original) The cleaning device of claim 18 wherein said brush is rotatable.
- 1 20. (Original) The cleaning device of claim 19 wherein said brush assembly includes a
2 plurality of said brushes, said brushes being gear brushes and arranged in a gear train,
3 each said brush rotating about a vertical axis.